



सत्यमेव जयते

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#### PART IV-B

**Rules and Orders (Other than those published in Parts I, I-A, and I-L) made  
by the Government of Gujarat under the Gujarat Acts**

#### ENERGY & PETROCHEMICALS DEPARTMENT

#### NOTIFICATION

Sachivalaya, Gandhinagar, 25<sup>th</sup> January, 2021.

**No.GHU-2021-(13)-GET-11-2020-2130-K :-** Whereas Gujarat Energy Transmission Corporation Limited, Vadodara, has been declared as an State Transmission Utility (STU) vide EPD's Notification No.GHU-2004-GEB-1104-2964-K dated 29.5.2004,

(2) And whereas in pursuance of the provisions under section 38 and 39(2) of the Electricity Act, 2003, GETCO, has been casted the responsibility of laying down such essential Transmission Network across the State for providing power to the consumers of the State, through Distribution Utilities under the State Government,

(3) And whereas since the inception of the Electricity Act, 2003 with the previous approval accorded by Government, GETCO is to undertake some new Transmission networks including overhead lines as specified in Annexure-A attached herewith.

(4) Now, therefore, Government is pleased to accord approval u/s 68(1) of the Electricity Act, 2003, to GETCO, an STU, for carrying out new and ongoing works as referred to, at item No.(3) above, subject to the compliance of provisions of the Electricity Act - 2003, work of Licensees Rules - 2006 and CEA (Measures relating to safety and Electrical Supply) Regulations, 2010, relevant provisions of the Indian Telegraph Act, 1855 as stipulated in the section 164 of the Electricity Act, 2003, the CEA (Safety requirements for construction, operation and Maintenance of Electrical Plants and Electrical Lines) Regulations, 2011 and provisions of the Works of Licensees Rules, 2006.

(5) The approval of Government, as mentioned above, is subject to the condition that wherever necessary, GETCO would obtain necessary approvals / clearance from the concerned State Authorities including local authorities of the concerned area.

By order and in the name of the Governor of Gujarat,

**DIPESH RAJ,**

Under Secretary to Government.

## Annexure A

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
<b>A</b>	<b>400 KV Line</b>						
1	Erection of 400KV LILO of both circuit of 400KV D/C Fedra (Pachchham) – Dholera SIR ‘AA’ line to Dholera Solar Park S/S – 9.666 KM with Twin AL-59 conductor on 400KV M/C Tower - Total Route Length : 9.666 RKM	D/C	Nadiad	Nadiad	9.666	New	400KV
<b>B</b>	<b>220 KV Line</b>						
1	220 KV LILO of both circuit of 220kv D/C Moti Gop - Kalavad line at 220kv Babarzar S/s on M/C Tower with AL-59 Conductor	M/C	JAMNAGAR	JAMNAGAR	111.68	New	220KV
2	220KV M/C Line from existing 220KV Ranasan (GETCO) to 132KV Sabarmati (GETCO) S/s through laying of 220KV, 1600 sq.mm. (1X6) UG cable line (Route length - 2.60 KM) with erection of 220KV M/C Tower with AL-59 conductor (Route length - 6.90 KM) for M/s Torrent Power Limted, Ahmedabad using part RoW of existing 132KV D/C Ranasan - Sabarmati line, 132KV S/C Ranasan - PRL line and 66KV Ranasan-Bhat-Kudasan line under Deposit scheme	D/C OH + UG cable	Nadiad	Nadiad	19	New	220KV
<b>C</b>	<b>66 KV Line</b>						
1	66kV S/C line from proposed 66KV Nana-Machiyala(Shedubhar) S/s to existing 66KV Amreli –A S/s partly on tower with ACSR Panther conductor having length 0.345 RKM and partly with 630 sq mm (3+1) underground cable having length 8.490 RKM under “KISAN SURYODAYA YOJNA”. (length. 0.345 OH+ 8.490 UGC= 8.835 RKM).	S/C OH + UG cable	Amreli	Amreli	8.835	New	66KV
2	66kV S/C line from existing 66KV Charkha S/s to existing 66KV Kunvargadh S/s partly on tower with ACSR Panther conductor having length 1.886 RKM and partly with 630 sq mm (3+1) underground cable having length 6.115 RKM under “KISAN SURYODAYA YOJNA”. (Total length. 1.886 OH + 6.115 UGC = 8.001RKM)	S/C OH + UG cable	Amreli	Amreli	8.001	New	66KV
3	LILO to existing 66kV Devala SS from proposed 66kV Nagadhara–Amrutpur (Jeera) line on tower with ACSR Panther conductor under “KISAN SURYODAYA YOJNA”. (Total length:3.90KM).	D/C	Amreli	Amreli	7.8	New	66KV
4	66KV line from Existing 220kV Savrkundla ss to proposed 66kv amrutpur (Jeera) SS on D/C Panther Tower with S/C ACSR panther conductor (HOT LINE) stringing with partly 1C 630Sq.mm	S/C OH + UG cable	Amreli	Amreli	36.7	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	(3+1) UG Cable . Under DINKAR YOJNA (Total Length: 36KM OH+ 0.7KM UG Total Length:36.7 KM).						
5	66KV LILO on D/C panther tower with ACSR Dog conductor stringing to Existing Mota Agariya S/S from Existing 66KV Ambardi Jafraabad line. Under DINAKR YOJNA. (Total Length:1.32 KM)	D/C	Amreli	Amreli	2.64	New	66KV
6	66KV D/C panther Tower with S/C dog conductor stringing and partly 1C 630Sqm (3+1) power cable line from Existing 66KV Jesar S/S to proposed Sauni Yojna Pumping station, for catering 6457 KVA load under Deposit work. (Total Length: 0.59(UG)+2.27(OH)= 2.86 KM)	S/C OH + UG cable	Amreli	Amreli	2.86	New	66KV
7	proposed Conversion of ACSR DOG conductor to ACSR Panther conductor of existing S/C 66 KV Rojmal-Khambhala (L4P5 Sauni Yojna Pumping Station-12500 KVA) line under DINKAR YOJNA. (Total Length:13.50 KM)	S/C	Amreli	Amreli	13.5	New	66KV
8	66KV S/C Wagra - Panchbatti link line partially by carrying out Hotline stringing on spare ckt of existing 66kV S/C Vilayat-Kukarwada OH line having length 11.5 RkM and partially with 630Sqm (3+1) UG cable having length 10.6 RkM under Dinkar Yojana. (having total line length 22.1 RkM) .	S/C OH + UG cable	Bharuch	Bharuch	22.1	New	66KV
9	66kV S/C Wagra (220kV) S/S to proposed 66kV Saykha-II S/S partially on M/C tower with ACSR Panther Conductor having line length 1.014 RkM and Partially with 630Sqm (3+1) underground cable having length 8.56 RkM (Total Line Length 9.574 RkM.	S/C OH + UG cable	Bharuch	Bharuch	9.574	New	66KV
10	Erection of 66kv s/c line from existing 220 kv bhutiya s/s to to existing 66kv ubsal ss with panther conductor on h frame structure/ tower total length-22.82 km	S/C	Himatnagar	Himatnagar	22.82	New	66KV
11	Erection of 66KV S/C line from existing 220 KV Bhutiya S/S to to existing 66kV Vijaynagar SS with Panther conductor on H frame structure/Tower Total Length-47.5 Km	S/C	Himatnagar	Himatnagar	47.5	New	66KV
12	Erection of 66KV D/C lilo line from existing 66 KV Kundla Choriwad line on Panther tower with panther Conductor to Proposed 66kV Kathroti substation Length-2.744 Km.	D/C	Himatnagar	Himatnagar	5.488	New	66KV
13	Erection of 66KV D/C lilo line from existing 66 KV Bhutiya- Lai Ransan line on Panther tower with panther Conductor to Proposed 66 kV Ravol substation Length-8.36 Km.	D/C	Himatnagar	Himatnagar	16.72	New	66 KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
14	Erection of 66KV D/C lilo line from existing 66 KV Jamla-Gozariya line on Panther tower with panther Conductor to Proposed 66kV Itadara substation Length-0.95 Km.	D/C	Himatnagar	Himatnagar	1.9	New	66 KV
15	66kV S/C line from 66KV Ranjitnagar S/s to M/s Gujarat Fluorochemical Ltd.(GFL) on D/C panther tower with ACSR Dog conductor having length of 1 83RkM for catering 3000KVA additionat power demand (raising C. D from 40ool(VA on 11KV to 7000KVA) at 66KV system voltage in respect to M/s Gujarat Fluorochemical Ltd.(GFL)	S/C	Jambuva	Jambuva	1.83	New	66 KV
16	66 KV Bor(Kantu)-Kundal S/C line -with ACSR Panther	S/C	Jambuva	Jambuva	27	New	66 KV
17	66kV S/C Jambuva-B to Karvan line (OH+U/G)	S/C OH + UG cable	Jambuva	Jambuva	21.189	New	66 KV
18	66kV S/C Jambuva-B to Kashipura line (OH+U/G)	S/C OH + UG cable	Jambuva	Jambuva	11.644	New	66 KV
19	66KV D/C Talala (132KV SS) to Jepur line on Panther tower structure with ACSR Panther conductor and partly laying of 66KV 1xCore 630 SQ.MM. Aluminium conductor XLPE (6+1) cable system (D/C OH 4.215RKM+UG cable 2.5RKM)	D/C OH + UG cable	Junagadh	Junagadh	13.43	New	66 KV
20	66KV S/C Jepur to Moraj line on Panther tower structure with ACSR Panther conductor and partly laying of 66KV 1-Core 630 SQ.MM. Aluminium conductor XLPE (3+1) cable system (S/C OH 0.930RKM + Hotline stringing 9.570 RKM + UG cable 5.5RKM)	S/C OH + UG cable	Junagadh	Junagadh	16.00	New	66 KV
21	66KV S/C line on D/C Panther Tower with ACSR Panther Conductor from 66KV Jepur S/S to 66KV Ladudi S/S	S/C	Junagadh	Junagadh	7.00	New	66 KV
22	66KV S/C line on D/C Panther Tower with ACSR Panther Conductor from 220KV Kansari (Dhokadava) S/S to 66KV Luvari-moli S/S	S/C	Junagadh	Junagadh	14.09	New	66KV
23	66KV S/C Visavadar (220KV) to Chhodavadi line on Panther tower structure with ACSR Panther conductor and partly laying of 66KV 1xCore 630 SQ.MM. Aluminium conductor XLPE (3+1) cable system (S/C OH 20.95RKM including Hotline stringing + UG cable 0.20RKM)	S/C OH + UG cable	Junagadh	Junagadh	21.15	New	66KV
24	66KV D/C LILO line to existing 66KV Vekariya S/S form existing 66KV Malsika to Kagdadi line on Panther tower with ACSR DOG conductor	D/C	Junagadh	Junagadh	20.00	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
25	66kV D/C line from new 66KV Khimpadar S/S to existing 66kV Mendarda S/S, on 66KV D/C Panther tower with ACSR Panther Conductor and partly laying of 66KV 1xCore 630 SQ.MM. (6+1) UG cable (D/C OH 10.0RKM+ UG cable 1.0 RKM)	D/C OH + UG cable	Junagadh	Junagadh	22.00	New	66KV
26	Stringing of 2nd circuit of new 66KV S/C Navagam to Khimpadar line, on 66KV D/C Panther tower with ACSR Panther Conductor	D/C	Junagadh	Junagadh	15.00	New	66KV
27	66kV S/C line from existing 220KV Keshod S/S to existing 66kV Mangrol S/S, on 66KV D/C Panther tower with ACSR Panther Conductor and partly laying of 66KV 1xCore 630 SQ.MM. (3+1) UG cable. (S/C OH 19.10RKM+ UG cable 3.20 RKM)	S/C OH + UG cable	Junagadh	Junagadh	22.30	New	66KV
28	66kv S/c Kheralu-Varetha line -2 on D/c tower with ASCR Panther conductor and partly with 630 sq.mm (3+1) UG cable	S/C OH + UG cable	Mehsana	Mehsana	15.207	New	66KV
29	66kv S/c Mitha-Linch line on H-frame structure with ASCR Panther conductor and partly with 630 sq.mm (3+1) UG cable	S/C OH + UG cable	Mehsana	Mehsana	10.659	New	66KV
30	66kv S/c Kheralu-Kahoda line on H-frame structure with ASCR Panther conductor and partly with 630 sq.mm (3+1) UG cable	S/C OH + UG cable	Mehsana	Mehsana	19.295	New	66KV
31	66kv S/c Kheralu-Karli line on H-frame structure with ASCR Panther conductor and partly with 630 sq.mm (3+1) UG cable	S/C OH + UG cable	Mehsana	Mehsana	16.559	New	66KV
32	66kv S/c Kheralu-Kodram line on H-frame structure with ASCR Panther conductor and partly with 630 sq.mm (3+1) UG cable	S/C OH + UG cable	Mehsana	Mehsana	12.955	New	66KV
33	66 KV Mitha - Katosan line on H-frame structure with ASCR Panther conductor	S/C	Mehsana	Mehsana	18.456	New	66KV
34	66KV Mitha-Motap line on H-frame structure with ASCR Panther conductor	S/C	Mehsana	Mehsana	9.998	New	66KV
35	66kv Mehsana-Kherva line on H-frame structure with ASCR Panther conductor and partly with 630 sq.mm (3+1) UG cable	S/C OH + UG cable	Mehsana	Mehsana	13.075	New	66KV
36	66KV S/c U/G cable line from 66kv GIDC-II ss to 66kv Rajpur ss with U/G XLPE Power cable 630sq.mm (3+1)	S/C OH + UG cable	Mehsana	Mehsana	8.365	New	66KV
37	66KV D/c LILO to 66kv Mandali ss from Exist.66kv Linch- M/s Heavy metal line with 630 sq.mm ( 6+1) UG cable	D/C OH + UG cable	Mehsana	Mehsana	2.5	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
38	66kv Dadhiyal LILO from 66kv Vasai-Kada line on D/c tower with ACSR Dog conductor	D/C	Mehsana	Mehsana	2.92	New	66KV
39	66kv Nani Bhalu LILO from 66kv Satlasana-Sudasana line on D/c tower with ACSR Dog conductor	D/C	Mehsana	Mehsana	7.466	New	66KV
40	66kv Jaska LILO from 66kv Kheralu-Kahoda line on D/c tower with ACSR Panther conductor	D/C	Mehsana	Mehsana	11.28	New	66KV
41	66 kv S/c Kahoda-Samoda line on D/c tower with ACSR Panther conductor	S/C	Mehsana	Mehsana	3.238	New	66KV
42	66kv S/c Vavol-MotiAdraj line on D/c tower with ACSR Panther conductor and partly with 630 sq.mm (3+1) UG cable	S/C OH + UG cable	Mehsana	Mehsana	6.482	New	66KV
43	66KV S/c U/G cable line from 400kv Vadavi ss (From Exi.loc .no. 50 ) to 66kv Kalol ss with U/G XLPE Power cable 630sq.mm (3+1) having length 4.5 RKM	S/C OH + UG cable	Mehsana	Mehsana	4.5	New	66KV
44	66kv S/c Sidhpur - Sujanpur line with 630 sq.mm (3+1) underground cable	S/C OH + UG cable	Mehsana	Mehsana	5.666	New	66KV
45	Erection of 66KV LILO Bamangam from 66KV Anklav – Navakhal line on D/C tower with ACSR Panther conductor having route length 7.395 RKM and establishment of new 66KV Bamangam Sub-station (Total Route Length : 7.395 KM)	D/C	Nadiad	Nadiad	7.395	New	66KV
46	Erection of 66KV LILO Mahijada from 66KV Salejada - Navagam line on D/C tower with ACSR Panther conductor having route length 2.830 RKM and establishment of new 66KV Mahijada Sub-station (Total Route Length : 2.830 RKM)	D/C	Nadiad	Nadiad	5.66	New	66KV
47	Erection of 66KV LILO Thavad from 66KV Relia - Demai line on D/C tower with ACSR Panther conductor having route length 2.445 RKM and establishment of new 66KV Thavad Sub-station (Total Route Length : 2.445 RKM)	D/C	Nadiad	Nadiad	4.89	New	66KV
48	Erection of 66KV LILO Bhutiya from 66KV Relia - Jorapura line on D/C tower with ACSR Panther conductor having route length 1.265 RKM and establishment of new 66KV Bhutiya Sub-station (Total Route Length : 1.265 RKM)	D/C	Nadiad	Nadiad	2.53	New	66KV
49	Erection of D/C Panther line on Narrow base tower by dismantling existing 66KV Ranasan-Reliance-Naroda H-frame dog conductor line unde Ranasan Transmission division. (4.58 KM Overhead line and 2 Km Underground cable line)	D/C	Nadiad	Nadiad	13.16	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
50	Work of S/C Panther line on D/C Tower 66KV Khanpur-Vinayak line and Erection of H-Frame Panther conductor 66KV Khanpur-Dehgam line under Ranasan TR Division under Nadiad TR circle	S/C	Nadiad	Nadiad	5	New	66KV
51	Work of Dismantling of existing 66KV Ranasan-Kudasan-shahpur-Chiloda H frame line with ACSR Dog Conductor and erection of 66KV D/C Narrow Base tower line ACSR Panther conductor on same ROW under Ranasan TR Division	D/C	Nadiad	Nadiad	15.75	New	66KV
52	Work of conversion of Kanbha Tap line (Dog) conductor in to LILO of from 66KV Vinzol-Bilasiya-Kanbha Tap line with D/C Tower with ACSR Panther conductor under NADIAD TR CIRCLE OFFICE.	D/C	Nadiad	Nadiad	2	New	66KV
53	Erection of 66KV S/C Kuha-Dhamatwan line with ACSR panther conductor on Tower, H-frame and 630 mm <sup>2</sup> XLPE U/G cable under Ranasan Transmission division. (Total Route Length : 8RKM)	S/C OH + UG cable	Nadiad	Nadiad	8	New	66KV
54	66KVS/C line from 66KV Mahika S/s to the switchyard of M/s. Sunrise Multi Steel Pvt. Ltd. line on D/C panther tower with DOG Conductor & partly UGC line with 1C x 630 sq mm (3+1 spare) XLPE All. Corrugated power cable total length 01.71 KM (OH- 1.5 + UGC- 0.21 KM ) (Deposit Work)	S/C OH + UG cable	Gondal	Rajkot	1.71	New	66KV
55	66KV D/C Morbi(220KV) – Morbi- B line, with 1C*630 Sq.mm (6+1) Under Ground Cable and partly 66KV D/C tower with Panther Conductor & 66Kv D/C Cold line stringing (Panther) on existing 220KV D/C Tower having total length – 13.250 (UGC – 09.75 KM +O/H- 2.00 KM + 66KV D/C Cold line stringing on 220KV D/C tower -1.500 KM)	D/C OH + UG cable	Gondal	Rajkot	26.5	New	66KV
56	66KV S/C Mahendranagar (GETCO) SS to the switchyard of 66KV Simpolo Vittrified Pvt Ltd line on D/C Panther tower with DOG Conductor & partly UGC line with 1C x 630 sq mm (3+1 spare) XLPE All. Corrugated power cable and Hot line stringing having length total length 3.21 KM (OH- 1.35 + UGC- 01.15 KM + Hot line stringing – 0.71 Km) (Deposit Work)	S/C OH + UG cable	Gondal	Rajkot	3.21	New	66KV
57	66KV S/C line from 66KV Matel-2 S/s to the switchyard of M/s. Spento Papers (India) LLP, on D/C Panther tower with DOG Conductor & partly UGC line with	S/C OH + UG cable	Gondal	Rajkot	1.85	New	66KV

Sr. No.	Name of lines	S/C or D/C	Transmission Circle	Construction Division	Approximate CKM.	Test charged/ Dt. of commissioning	Voltage Class
	1C x 630 sq mm (3+1 spare) XLPE All. Corrugated power cable having length total length 01.85 KM (OH- 1.25 + UGC- 0.6 KM ) (Deposit Work)						
58	66 KV S/C line from 66kV Solar Power generation of M/s Aditya Birla Renewal Ltd. located at village Talsana, Ta. Limbdi, Dist. Surendranagar to 66kV Rojasar (GETCO) S/S on D/C Tower with ACSR Panther conductor - under deposit scheme.	S/C	Surendranagar	Limbdi	0.44	New	66KV

## Abbreviation

D/C

Double Circuit

S/C

Single Circuit

M/C

Multi Circuit

UG Cable

Under Ground Cable

WIP

Work in progress

O/H

Over head

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